

Olivia Bordeu

CONTACT INFORMATION	5751 S Woodlawn Ave The University of Chicago Booth School of Business Chicago, Illinois	Phone: +1 (857) 310-8097 obordeug@chicagobooth.edu oliviabordeu.com
FIELDS	Trade, Spatial Economics, Urban Economics <i>Secondary:</i> Public Finance, Development Economics	
EDUCATION	Ph.D. in Economics , The University of Chicago Booth School of Business Expected Completion Date: June 2024	2018-present
	M.A. in Economics, The University of Chicago	2019
	B.S. in Civil Engineering of Industry, Pontificia Universidad Católica de Chile Diploma in Transportation and Logistics Engineering Graduated with a vote of distinction	2015
REFERENCES	Professor Erik Hurst (co-chair) Booth School of Business University of Chicago E-mail: erik.hurst@chicagobooth.edu	Professor Esteban Rossi-Hansberg (co-chair) Department of Economics University of Chicago E-mail: earossih@uchicago.edu
	Professor Jonathan Dingel Booth School of Business University of Chicago E-mail: jdingel@chicagobooth.edu	Professor Milena Almagro Booth School of Business University of Chicago E-mail: milena.almagro@chicagobooth.edu
WORKING PAPERS	“Transportation Distortions in Fragmented Cities” (Job Market Paper) <i>Abstract:</i> Cities are divided into local governments responsible for local commuting infrastructure that is used by both their residents and outsiders. In this paper, I study how metropolitan fragmentation affects the provision of commuting infrastructure and the distribution of economic activity. I develop a quantitative spatial model in which municipalities compete for residents and workers by investing in commuting infrastructure to maximize net land value in their jurisdictions. In equilibrium, relative to a central metropolitan planner, municipalities underinvest in areas near their boundaries and overinvest in core areas away from the boundary. Infrastructure investment in fragmented cities results in higher cross-jurisdiction commuting costs, more dispersed employment, and more polycentric patterns of economic activity. Estimating the model using data from Santiago, Chile, I find substantial gains from centralizing investment decisions. Centralization increases aggregate infrastructure investment and population. More importantly, for a given amount of investment, centralization yields large welfare gains due solely to more efficient infrastructure allocation.	
WORK IN PROGRESS	“Banks and the Geography of Capital Within Borders” with Gustavo González and Marcos Sorá Leveraging a rich dataset that covers the universe of loans in Chile, we document that variation in the cost of capital across cities is substantial and larger than differences in wages between	

cities. We then establish that less competition between banks is associated with higher interest rates at the city level, while a larger pool of firms in the city is associated with lower interest rates. We are building a quantitative model that can account for these facts. We emphasize the role of competition between banks at the city level and how the geographic presence of a bank in cities with high deposits determines the marginal cost of raising deposits at the bank level and, indirectly, on the interest rate they charge.

“Social Capital and Geographic Mobility” with Milena Almagro and Gregorio Caetano

This paper explores the role of local social capital and within-household production on geographic mobility. We start by showing that lower-income households are less geographically mobile than their higher-income counterparts. Zooming in on childcare needs, we document that lower-income families rely more on local friends and relatives for their childcare needs rather than using market providers. Further, households living close to their local social networks are less likely to move, with lower income households showing the most negative effects. We propose a dynamic model of households’ joint location and childcare production and estimate it by matching key moments in the data. Then, we quantify how this local social capital mechanism accounts for the patterns present in the data. Finally, we study the recently proposed American Families Plan, which heavily subsidizes market-based child care for lower-income households.

TEACHING
EXPERIENCE

University of Chicago

Applied Macroeconomics: Micro data for macro models (PhD) for Erik Hurst and Chang-Tai Hsieh 2022

Advanced Decision Models with Python (MBA) for Don Eisenstein 2022

Macroeconomics (MBA) for Erik Hurst 2021-2022

Industrial Organization (Undergrad) for Michael Dinerstein 2021

Pontificia Universidad Católica de Chile

Transportation Economics (Grad) for Patricia Galilea 2014

RESEARCH
EXPERIENCE

Research Assistant for Fernando Alvarez, University of Chicago 2020

Research Assistant for Jonathan Dingel, University of Chicago (Booth) 2019-2020

Senior Research Specialist I, Princeton University 2017-2018

PI’s: Christopher Neilson.

Research Assistant, Abdul Latif Jameel Poverty Action Lab (J-PAL LAC) 2015-2017

PI’s: Christopher Neilson, Lucas Coffman, Mushfiq Mobarak.

CONFERENCES

CEP-Warwick Junior Trade Workshop, London 2023

Presented *Transportation Distortions in Fragmented Cities*

12th European Meeting of the Urban Economics Association, Milan	2023
Presented <i>Social Capital and Geographic Mobility</i>	
Women in Economic Theory, Chicago	2022
Presented <i>Transportation Distortions in Fragmented Cities</i>	
Public Policies Chile, New York	2017
Panelist at <i>Election polls and it's effect on public opinion</i>	
Research Opportunities for Human Development, Dominican Republic	2017
Presented <i>Predicting School Dropout: A machine learning application</i>	

REFEREE *Journal of Political Economy*

SERVICE	Organizer, Student Research in Economics Seminar at University of Chicago (Booth)	2023
	Organizer, Asado with the Trade Working Group at University of Chicago	2021-2023
	Student Mentor, PhD Students in Economics at University of Chicago (Booth)	2019-2023
	Student Mentor, Undergrads affiliated with Women in Economics	2020

SOFTWARE SKILLS Advanced user of Julia, Python, PySpark, Stata, Unix and L^AT_EX

OTHER Languages: Spanish (native), English
Nationality: Chilean